

80182

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 88211

District III

1000 Rio Brazos Rd, Aztec, NM 87410

DEC 0 3 1996

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICEPIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: M.N. GALT J2

Well Name

Location: Unit or Qtr/Qtr Sec D Sec 6 T27N R10W County SAN JUAN

Pit Type: Separator    Dehydrator    other BLOW

Land Type: BLM X, State   , Fee   , other   

Pit Location: Pit dimensions: length 25', width 27', depth 4'  
(Attach diagram)

Reference: wellhead X, other   

Footage from reference: 155'

Direction from reference: 70 Degrees X East North X  
of  
   West South   

## Depth To Ground Water:

(Vertical distance from  
contaminants to seasonal  
high water elevation of  
ground water)

Less than 50 feet (20 points)

50 feet to 99 feet (10 points)

Greater than 100 feet (0 Points) 10

## Wellhead Protection Area:

(Less than 200 feet from a private  
domestic water source, or; less than  
1000 feet from all other water sources)

RECEIVED

DEC 16 1994

OIL CON. DIV.  
DIST. 3

Yes (20 points) 0

No (0 points)   

## Distance To Surface Water:

(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches)

Less than 200 feet (20 points)

200 feet to 1000 feet (10 points)

Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 10



Date Remediation Started: \_\_\_\_\_ Date Completed: 12/11/94Remediation Method: Excavation ☒ Approx. cubic yards 70  
(Check all appropriate sections) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_Other COMPOSTEDRemediation Location: Onsite ☒ Offsite \_\_\_\_\_  
(ie. landfarmed onsite,  
name and location of  
offsite facility)

General Description Of Remedial Action: \_\_\_\_\_

Excavation - BEDROCK BOTTOM

Ground Water Encountered: No ☒ Yes \_\_\_\_\_ Depth \_\_\_\_\_Final Pit: Sample location see Attached DocumentsClosure Sampling:  
(if multiple samples,  
attach sample results  
and diagram of sample  
locations and depths)Sample depth 3'Sample date 12/10/94 Sample time 1410

## Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX(ppm) \_\_\_\_\_

Field headspace(ppm) 1071TPH 7,560 ppmGround Water Sample: Yes \_\_\_\_\_ No ☒ (If yes, attach sample results)I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST  
OF MY KNOWLEDGE AND BELIEFDATE 12/11/94

SIGNATURE

B. ShawPRINTED NAME  
AND TITLEBuddy D. Shaw  
Environmental Coordinator



CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>60152</u> C.D.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>M N. GALT</u> WELL #: <u>JZ</u> PIT: <u>BLOW</u>	DATE STARTED: <u>12/10/94</u> DATE FINISHED: _____
QUAD/UNIT: <u>D</u> SEC: <u>6</u> TWP: <u>27N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>ST. NM</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>
QTR/FOOTAGE: <u>NW 1/4</u> <u>NW 1/4</u> CONTRACTOR: _____	

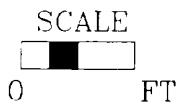
EXCAVATION APPROX. <u>25'</u> FT. x <u>37'</u> FT. x <u>4'</u> FT. DEEP. CUBIC YARDAGE: <u>70</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>COMPOSTED</u>
LAND USE: <u>RANGE</u> LEASE: <u>82077384</u> FORMATION: <u>OK</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>155'</u> FT. <u>N70E</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>&lt;100'</u> NEAREST WATER SOURCE: <u>&gt;1000'</u> NEAREST SURFACE WATER: <u>&gt;1000'</u>	
NMOCD RANKING SCORE: <u>10</u> NMOCD TPH CLOSURE STD: <u>1000</u> PPM	

SOIL AND EXCAVATION DESCRIPTION:	CHECK ONE: <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED
<p>BROWN ORANGE (NORTH SIDEWALL), VARIOUS SOIL CLAYS (EAST, WEST, SOUTH - 11E, 11S), FINE GRAY (BOTTOM) SAND, NON-COBBLING, SLIGHTLY MOIST, FIRM TO DENSE, STRONG HC OIL IN SOUTH SIDEWALL OVM SAMPLE.</p> <p><u>ROCKY - 11E, 11S, 11W, 11N</u></p>	

FIELD 4181 CALCULATIONS

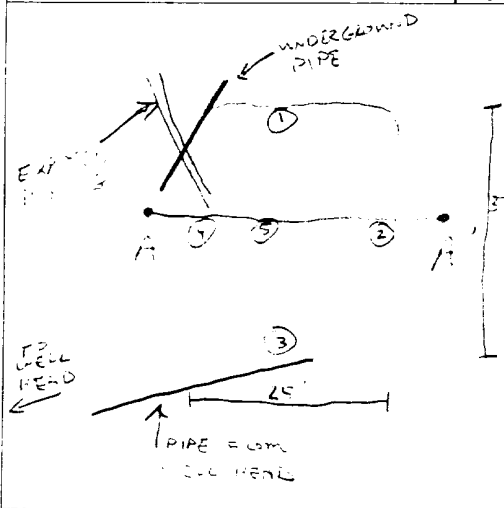
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1410	3E3	FEV-1313	5	20	10:1	189	7,560



PIT PERIMETER

OVM RESULTS

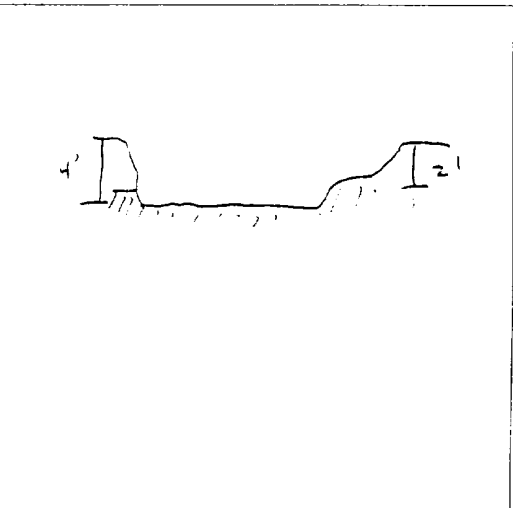
PIT PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
1e 1'	0.0
2e 3'	160.7
3e 3'	107.1
4e 2'	6.7
5e 4'	86.0

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME



TRAVEL NOTES:	CALLOUT: <u>12/9/94</u>	ONSITE: <u>12/10/94</u>
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**BLAGG ENGINEERING, INC.**

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

**FIELD MODIFIED EPA METHOD 418.1  
TOTAL PETROLEUM HYDROCARBONS**

Client:	Amoco	Project #:	
Sample ID:	3 @ 3'	Date Analyzed:	12-11-94
Project Location:	M. N. Galt J 2	Date Reported:	12-11-94
Laboratory Number:	TPH-1313	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
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Total Recoverable Petroleum Hydrocarbons	<b>7,600</b>	<b>200</b>

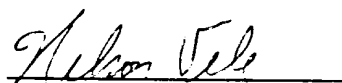
ND = Not Detectable at stated detection limits.

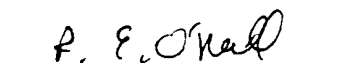
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	-----	-----	-----
	2640	2640	0.00

\*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Blow Pit - B0182

  
Analyst

  
Review



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SANTA FE OFFICE**PIT REMEDIATION AND CLOSURE REPORT**Operator: Amoco Production Company Telephone: (505) - 326-9200Address: 200 Amoco Court, Farmington, New Mexico 87401Facility Or: M. N. GALT J2

Well Name

Location: Unit or Qtr/Qtr Sec D Sec 6 T27N R10W County SAN JUANPit Type: Separator ☒ Dehydrator ☐ Other ☐Land Type: BLM ☒, State ☐, Fee ☐, Other ☐Pit Location: Pit dimensions: length 22', width 20', depth 3'  
(Attach diagram)Reference: wellhead ☒, other ☐Footage from reference: 185'Direction from reference: 33 Degrees ☒ East North ☒  
of  
☐ West South ☐**Depth To Ground Water:**(Vertical distance from  
contaminants to seasonal  
high water elevation of  
ground water)

Less than 50 feet (20 points)

50 feet to 99 feet (10 points)

Greater than 100 feet (0 Points) 10**Wellhead Protection Area:**(Less than 200 feet from a private  
domestic water source, or; less than  
1000 feet from all other water sources)

Yes (20 points)

No (0 points) 0**Distance To Surface Water:**(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches)

Less than 200 feet (20 points)

200 feet to 1000 feet (10 points)

Greater than 1000 feet (0 points) 0RANKING SCORE (TOTAL POINTS): 10



Date Remediation Started: \_\_\_\_\_ Date Completed: 12/11/94

Remediation Method: Excavation ☒ Approx. cubic yards 32  
 (Check all appropriate sections) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_

Other COMPOSTED

Remediation Location: Onsite ☒ Offsite \_\_\_\_\_  
 (ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: \_\_\_\_\_

Excavation - BEDROCK BOTTOM

Ground Water Encountered: No ☒ Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location see Attached Documents

Closure Sampling:  
 (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 2'

Sample date 12/10/94 Sample time 1355

Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX(ppm) \_\_\_\_\_

Field headspace(ppm) 207.1

TPH 7,640 ppm

Ground Water Sample: Yes \_\_\_\_\_ No ☒ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 12/11/94

SIGNATURE

B. Shaw

PRINTED NAME  
AND TITLE

Buddy D. Shaw  
ENVIRONMENTAL COORDINATOR



**BLAGG ENGINEERING, INC.**

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

**FIELD MODIFIED EPA METHOD 418.1  
TOTAL PETROLEUM HYDROCARBONS**

Client:	Amoco	Project #:	
Sample ID:	4 @ 2'	Date Analyzed:	12-11-94
Project Location:	M. N. Galt J 2	Date Reported:	12-11-94
Laboratory Number:	TPH-1312	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	7,600	200

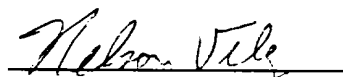
ND = Not Detectable at stated detection limits.


QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% * Diff.
	2640	2640	0.00

\*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total  
Recoverable, Chemical Analysis of Water and Waste,  
USEPA Storet No.4551, 1978

Comments: Separator Pit - B0182

  
Analyst

  
Review



CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>60182</u> C.O.C. NO: _____
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<b>FIELD REPORT: CLOSURE VERIFICATION</b>	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>M.N. GALT</u> WELL #: <u>J2</u> PIT: <u>SEP</u>	DATE STARTED: <u>12/10/94</u> DATE FINISHED: _____
QUAD/UNIT: <u>D</u> SEC: <u>6</u> TWP: <u>27N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>
QTR/FOOTAGE: <u>NW1/4 NW1/4</u> CONTRACTOR: <u>EPC</u>	

EXCAVATION APPROX. <u>22</u> FT. x <u>36</u> FT. x <u>3</u> FT. DEEP. CUBIC YARDAGE: <u>32</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>COMPOSTED</u>
LAND USE: <u>RANGE</u> LEASE: <u>82077384</u> FORMATION: <u>OK</u>

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 185 FT. N33E FROM WELLHEAD.  
 DEPTH TO GROUNDWATER: 5100' NEAREST WATER SOURCE: 71000' NEAREST SURFACE WATER: 71000'

NMDCD RANKING SCORE: 10 NMDCD TPH CLOSURE STD: 1000 PPM

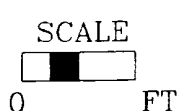
**SOIL AND EXCAVATION DESCRIPTION:**

CHECK ONE:  
☒ PIT ABANDONED  
☐ STEEL TANK INSTALLED

OK. YELL. CLARGE (NORTH & EAST SIDEWALLS), PALE YELL. BROWN (SOUTH & WEST SIDEWALLS).  
 MED. LT. GRAY (BOTTOM) SAND, NON-COHESIVE, SLIGHTLY MOIST, FIRM, STRONG HC  
 ODDZ IN WEST SIDEWALL & BOTTOM OVM SAMPLES.  
BOTTOM - SANDSTONE, HARD.

FIELD 418.1 CALCULATIONS

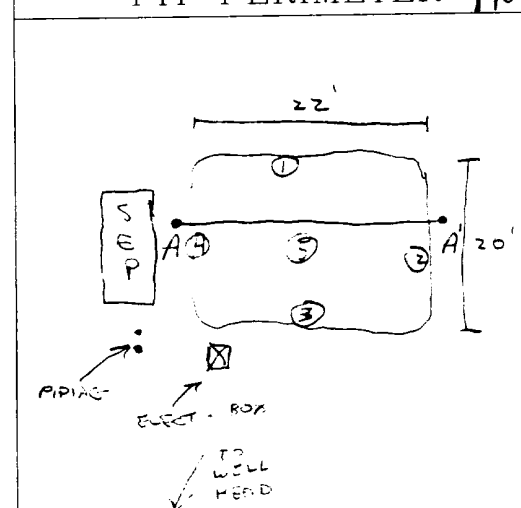
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1355	④ @ 2'	TPH-1312	5	20	10:1	191	7,640



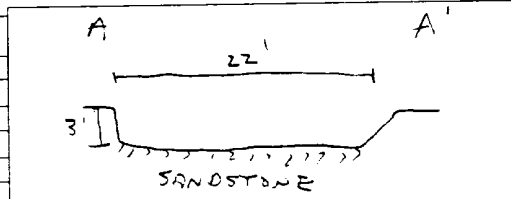
**PIT PERIMETER**

**OVM RESULTS**

**PIT PROFILE**



SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 2'	0.0
2 @ 1'	2.0
3 @ 2.5'	156.0
4 @ 2'	207.1
5 @ 3'	681



LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES: CALLOUT: <u>12/9/94</u> ONSITE: <u>12/10/94</u>
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